

WS - Streams and Canals

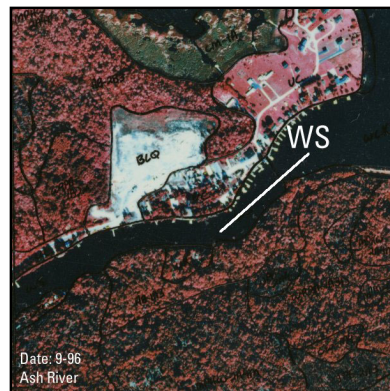
The Streams and Canals Map Unit (WS) represents the Streams and Canals Level II Class. For this mapping project, WS maps only the portions of rivers and streams that are <10% vegetated. River and stream portions that have >10% vegetation are described with map units that represent the vegetation. The Anderson et al. (1976) uses the Bureau of Census' definition of water and defines it as areas persistently covered with water, being >200 m wide if linear, and covers at least 16 h of area. However, some streams are mapped <200 m wide, with the narrowest being 10 m. Also, due to the challenges in drawing polygons around narrow streams, some stretches of streams are delineated only when wide enough (e.g. East Branch Rat Root River). Thus the average polygon size and the number of streams mapped is misrepresented by the information in the area report below.

Examples of streams and rivers mapped as WS are Gold Portage, Ash River, Moose River, Rollick Creek, and East Branch Rat Root River.

WS appears as a straight black watercourse in this photo. Dense stands of cattail are adjacent each side. The width of this stream is about 25 m.



WS appears as a straight black watercourse in this photo. Boat docks from resorts are visible along one side of the river. The width of the river at this location is about 70 m.



Area Report for WS Map Unit

Polygons: 10

Hectares: 97

Acres: 240

Average size: 10 hectares, 24 acres

Land Use/Land Cover Classification Hierarchy WS Map Unit

LEVEL I Water (5)

LEVEL II Streams and Canals (51)